



Compliance Certification Services (Kunshan) Inc. Shenzhen Branch

SZCCS-TRF-A02 Rev. A/0

Page: 1 of 70

Appendix E

for FYCR2606000155AT

FCC ID:OU9SFX66AA01



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Compliance Certification Services (Kunshan) Inc.
Shenzhen Branch

Fuyong lab. Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China 518103 t (86-755) 88663988 f (86-755) 26710594 www.sgsgroup.com.cn
中国·深圳·宝安区福永街道凤塘大道鑫龙科技园福永实验室 邮编: 518103 t (86-755) 88663988 f (86-755) 26710594 sgs.china@sgs.com

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Appendix 1: Effective (Isotropic) Radiated Power for Cat M1 Band 2

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Power (dBm)	ERP/EIRP (dBm)	Limit (dBm)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	21.02	21.49	33.00	PASS
Band2	1.4MHz	18607	16QAM	1	0	21.02	21.49	33.00	PASS
Band2	1.4MHz	18607	QPSK	1	5	21.08	21.55	33.00	PASS
Band2	1.4MHz	18607	16QAM	1	5	21.03	21.5	33.00	PASS
Band2	1.4MHz	18607	QPSK	6	0	19.96	20.43	33.00	PASS
Band2	1.4MHz	18607	16QAM	6	0	19.84	20.31	33.00	PASS
Band2	1.4MHz	18900	QPSK	1	0	20.75	21.22	33.00	PASS
Band2	1.4MHz	18900	16QAM	1	0	21.15	21.62	33.00	PASS
Band2	1.4MHz	18900	QPSK	1	5	21.23	21.7	33.00	PASS
Band2	1.4MHz	18900	16QAM	1	5	21.37	21.84	33.00	PASS
Band2	1.4MHz	18900	QPSK	6	0	20.11	20.58	33.00	PASS
Band2	1.4MHz	18900	16QAM	6	0	20.08	20.55	33.00	PASS
Band2	1.4MHz	19193	QPSK	1	0	21.39	21.86	33.00	PASS
Band2	1.4MHz	19193	16QAM	1	0	21.53	22	33.00	PASS
Band2	1.4MHz	19193	QPSK	1	5	21.21	21.68	33.00	PASS
Band2	1.4MHz	19193	16QAM	1	5	21.55	22.02	33.00	PASS
Band2	1.4MHz	19193	QPSK	6	0	20.15	20.62	33.00	PASS
Band2	1.4MHz	19193	16QAM	6	0	20.02	20.49	33.00	PASS
Band2	3MHz	18615	QPSK	1	0	20.85	21.32	33.00	PASS
Band2	3MHz	18615	16QAM	1	0	20.81	21.28	33.00	PASS
Band2	3MHz	18615	QPSK	1	5	20.8	21.27	33.00	PASS
Band2	3MHz	19185	16QAM	1	0	21.69	22.16	33.00	PASS
Band2	3MHz	19185	QPSK	1	5	21.37	21.84	33.00	PASS
Band2	3MHz	19185	16QAM	1	5	21.86	22.33	33.00	PASS
Band2	3MHz	19185	QPSK	6	0	20.43	20.9	33.00	PASS
Band2	3MHz	19185	16QAM	6	0	20.29	20.76	33.00	PASS
Band2	5MHz	18625	QPSK	1	0	20.82	21.29	33.00	PASS
Band2	5MHz	18625	16QAM	1	0	21.06	21.53	33.00	PASS
Band2	5MHz	18625	QPSK	1	5	20.82	21.29	33.00	PASS
Band2	5MHz	18625	16QAM	1	5	21.36	21.83	33.00	PASS
Band2	5MHz	18625	QPSK	6	0	20.87	21.34	33.00	PASS
Band2	5MHz	18625	16QAM	6	0	20.58	21.05	33.00	PASS
Band2	5MHz	18900	QPSK	1	0	20.78	21.25	33.00	PASS
Band2	5MHz	18900	16QAM	1	0	21.62	22.09	33.00	PASS
Band2	5MHz	18900	QPSK	1	5	20.84	21.31	33.00	PASS
Band2	5MHz	18900	16QAM	1	5	21.57	22.04	33.00	PASS
Band2	5MHz	18900	QPSK	6	0	20.91	21.38	33.00	PASS
Band2	5MHz	18900	16QAM	6	0	21.05	21.52	33.00	PASS
Band2	5MHz	19175	QPSK	1	0	21.35	21.82	33.00	PASS
Band2	5MHz	19175	16QAM	1	0	21.95	22.42	33.00	PASS
Band2	5MHz	19175	QPSK	1	5	21.37	21.84	33.00	PASS
Band2	5MHz	19175	16QAM	1	5	21.96	22.43	33.00	PASS
Band2	5MHz	19175	QPSK	6	0	21.1	21.57	33.00	PASS
Band2	5MHz	19175	16QAM	6	0	21.34	21.81	33.00	PASS
Band2	10MHz	18650	QPSK	1	0	21.17	21.64	33.00	PASS
Band2	10MHz	18650	16QAM	1	0	21.22	21.69	33.00	PASS
Band2	10MHz	18650	QPSK	1	5	20.68	21.15	33.00	PASS
Band2	10MHz	18650	16QAM	1	5	21.06	21.53	33.00	PASS



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SZCCS-TRF-A02 Rev. A/0

Page: 3 of 70

Band2	10MHz	18650	QPSK	6	0	20.62	21.09	33.00	PASS
Band2	10MHz	18650	16QAM	6	0	20.8	21.27	33.00	PASS
Band2	10MHz	18900	QPSK	1	0	20.83	21.3	33.00	PASS
Band2	10MHz	18900	16QAM	1	0	21.42	21.89	33.00	PASS
Band2	10MHz	18900	QPSK	1	5	20.99	21.46	33.00	PASS
Band2	10MHz	18900	16QAM	1	5	21.17	21.64	33.00	PASS
Band2	10MHz	18900	QPSK	6	0	20.8	21.27	33.00	PASS
Band2	10MHz	18900	16QAM	6	0	20.97	21.44	33.00	PASS
Band2	10MHz	19150	QPSK	1	0	21.31	21.78	33.00	PASS
Band2	10MHz	19150	16QAM	1	0	21.85	22.32	33.00	PASS
Band2	10MHz	19150	QPSK	1	5	21.44	21.91	33.00	PASS
Band2	10MHz	19150	16QAM	1	5	21.93	22.4	33.00	PASS
Band2	10MHz	19150	QPSK	6	0	21.33	21.8	33.00	PASS
Band2	10MHz	19150	16QAM	6	0	21.47	21.94	33.00	PASS
Band2	15MHz	18675	QPSK	1	0	21.12	21.59	33.00	PASS
Band2	15MHz	18675	16QAM	1	0	21.24	21.71	33.00	PASS
Band2	15MHz	18675	QPSK	1	5	20.91	21.38	33.00	PASS
Band2	15MHz	18675	16QAM	1	5	20.98	21.45	33.00	PASS
Band2	15MHz	18675	QPSK	6	0	21.1	21.57	33.00	PASS
Band2	15MHz	18675	16QAM	6	0	21.08	21.55	33.00	PASS
Band2	15MHz	18900	QPSK	1	0	20.8	21.27	33.00	PASS
Band2	15MHz	18900	16QAM	1	0	21.08	21.55	33.00	PASS
Band2	15MHz	18900	QPSK	1	5	20.95	21.42	33.00	PASS
Band2	15MHz	18900	16QAM	1	5	21	21.47	33.00	PASS
Band2	15MHz	18900	QPSK	6	0	20.71	21.18	33.00	PASS
Band2	15MHz	18900	16QAM	6	0	20.84	21.31	33.00	PASS
Band2	15MHz	19125	QPSK	1	0	21.19	21.66	33.00	PASS
Band2	15MHz	19125	16QAM	1	0	21.76	22.23	33.00	PASS
Band2	15MHz	19125	QPSK	1	5	21.18	21.65	33.00	PASS
Band2	15MHz	19125	16QAM	1	5	21.78	22.25	33.00	PASS
Band2	15MHz	19125	QPSK	6	0	21.42	21.89	33.00	PASS
Band2	15MHz	19125	16QAM	6	0	21.31	21.78	33.00	PASS
Band2	20MHz	18700	QPSK	1	0	21.03	21.5	33.00	PASS
Band2	20MHz	18700	16QAM	1	0	21.43	21.9	33.00	PASS
Band2	20MHz	18700	QPSK	1	5	20.74	21.21	33.00	PASS
Band2	20MHz	18700	16QAM	1	5	21.17	21.64	33.00	PASS
Band2	20MHz	18700	QPSK	6	0	20.95	21.42	33.00	PASS
Band2	20MHz	18700	16QAM	6	0	20.84	21.31	33.00	PASS
Band2	20MHz	18900	QPSK	1	0	20.97	21.44	33.00	PASS
Band2	20MHz	18900	16QAM	1	0	20.93	21.4	33.00	PASS
Band2	20MHz	18900	QPSK	1	5	21.02	21.49	33.00	PASS
Band2	20MHz	18900	16QAM	1	5	20.99	21.46	33.00	PASS
Band2	20MHz	18900	QPSK	6	0	21.05	21.52	33.00	PASS
Band2	20MHz	18900	16QAM	6	0	21.06	21.53	33.00	PASS
Band2	20MHz	19100	QPSK	1	0	21.18	21.65	33.00	PASS
Band2	20MHz	19100	16QAM	1	0	21.96	22.43	33.00	PASS
Band2	20MHz	19100	QPSK	1	5	21.55	22.02	33.00	PASS
Band2	20MHz	19100	16QAM	1	5	21.6	22.07	33.00	PASS
Band2	20MHz	19100	QPSK	6	0	21.26	21.73	33.00	PASS
Band2	20MHz	19100	16QAM	6	0	21.16	21.63	33.00	PASS
Band2	3MHz	18615	16QAM	1	5	20.78	21.25	33.00	PASS
Band2	3MHz	18615	QPSK	6	0	19.83	20.3	33.00	PASS
Band2	3MHz	18615	16QAM	6	0	19.66	20.13	33.00	PASS
Band2	3MHz	18900	QPSK	1	0	21.28	21.75	33.00	PASS
Band2	3MHz	18900	16QAM	1	0	20.97	21.44	33.00	PASS



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SZCCS-TRF-A02 Rev. A/0

Page: 4 of 70

Band2	3MHz	18900	QPSK	1	5	21.24	21.71	33.00	PASS
Band2	3MHz	18900	16QAM	1	5	21.01	21.48	33.00	PASS
Band2	3MHz	18900	QPSK	6	0	20.07	20.54	33.00	PASS
Band2	3MHz	18900	16QAM	6	0	20	20.47	33.00	PASS
Band2	3MHz	19185	QPSK	1	0	21.06	21.53	33.00	PASS

Note: Antenna gain 0.47 dBi;



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SZCCS-TRF-A02 Rev. A/0

Page: 5 of 70

Appendix 2: Peak-to-Average Ratio(CCDF) for Cat M1 Band 2

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	18607	QPSK	1	0	Low	4.46	<=13	PASS
Band2	1.4MHz	18607	16QAM	1	0	Low	4.49	<=13	PASS
Band2	1.4MHz	18607	QPSK	6	0	Low	5.01	<=13	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	5.02	<=13	PASS
Band2	1.4MHz	18900	QPSK	1	0	Low	4.99	<=13	PASS
Band2	1.4MHz	18900	16QAM	1	0	Low	4.80	<=13	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	5.23	<=13	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	5.23	<=13	PASS
Band2	1.4MHz	19193	QPSK	1	5	High	4.23	<=13	PASS
Band2	1.4MHz	19193	16QAM	1	5	High	4.40	<=13	PASS
Band2	1.4MHz	19193	QPSK	6	0	High	4.88	<=13	PASS
Band2	1.4MHz	19193	16QAM	6	0	High	4.88	<=13	PASS
Band2	3MHz	18615	QPSK	1	0	Low	4.56	<=13	PASS
Band2	5MHz	18625	16QAM	6	0	Low	4.94	<=13	PASS
Band2	5MHz	18900	QPSK	1	0	Low	4.73	<=13	PASS
Band2	5MHz	18900	16QAM	1	0	Low	4.97	<=13	PASS
Band2	5MHz	18900	QPSK	6	0	Low	5.00	<=13	PASS
Band2	5MHz	18900	16QAM	6	0	Low	4.95	<=13	PASS
Band2	5MHz	19175	QPSK	1	5	High	4.49	<=13	PASS
Band2	5MHz	19175	16QAM	1	5	High	4.74	<=13	PASS
Band2	5MHz	19175	QPSK	6	0	High	4.88	<=13	PASS
Band2	5MHz	19175	16QAM	6	0	High	4.79	<=13	PASS
Band2	10MHz	18650	QPSK	1	0	Low	4.42	<=13	PASS
Band2	10MHz	18650	16QAM	1	0	Low	4.72	<=13	PASS
Band2	10MHz	18650	QPSK	6	0	Low	4.89	<=13	PASS
Band2	10MHz	18650	16QAM	6	0	Low	4.87	<=13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	4.41	<=13	PASS
Band2	10MHz	18900	16QAM	1	0	Low	4.54	<=13	PASS
Band2	10MHz	18900	QPSK	6	0	Low	4.72	<=13	PASS
Band2	10MHz	18900	16QAM	6	0	Low	4.69	<=13	PASS
Band2	10MHz	19150	QPSK	1	5	High	3.94	<=13	PASS
Band2	10MHz	19150	16QAM	1	5	High	4.44	<=13	PASS
Band2	10MHz	19150	QPSK	6	0	High	4.51	<=13	PASS
Band2	10MHz	19150	16QAM	6	0	High	4.45	<=13	PASS
Band2	15MHz	18675	QPSK	1	0	Low	4.49	<=13	PASS
Band2	15MHz	18675	16QAM	1	0	Low	4.87	<=13	PASS
Band2	15MHz	18675	QPSK	6	0	Low	5.05	<=13	PASS
Band2	15MHz	18675	16QAM	6	0	Low	5.01	<=13	PASS
Band2	15MHz	18900	QPSK	1	0	Low	4.41	<=13	PASS
Band2	15MHz	18900	16QAM	1	0	Low	4.65	<=13	PASS
Band2	15MHz	18900	QPSK	6	0	Low	4.76	<=13	PASS
Band2	15MHz	18900	16QAM	6	0	Low	4.79	<=13	PASS
Band2	15MHz	19125	QPSK	1	5	High	4.02	<=13	PASS
Band2	15MHz	19125	16QAM	1	5	High	4.34	<=13	PASS
Band2	15MHz	19125	QPSK	6	0	High	4.84	<=13	PASS
Band2	15MHz	19125	16QAM	6	0	High	4.80	<=13	PASS



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SZCCS-TRF-A02 Rev. A/0

Page: 6 of 70

Band2	20MHz	18700	QPSK	1	0	Low	5.26	<=13	PASS
Band2	20MHz	18700	16QAM	1	0	Low	5.47	<=13	PASS
Band2	20MHz	18700	QPSK	6	0	Low	5.63	<=13	PASS
Band2	20MHz	18700	16QAM	6	0	Low	5.25	<=13	PASS
Band2	20MHz	18900	QPSK	1	0	Low	4.82	<=13	PASS
Band2	20MHz	18900	16QAM	1	0	Low	5.34	<=13	PASS
Band2	20MHz	18900	QPSK	6	0	Low	5.08	<=13	PASS
Band2	20MHz	18900	16QAM	6	0	Low	5.51	<=13	PASS
Band2	20MHz	19100	QPSK	1	5	High	4.66	<=13	PASS
Band2	20MHz	19100	16QAM	1	5	High	4.96	<=13	PASS
Band2	20MHz	19100	QPSK	6	0	High	4.86	<=13	PASS
Band2	20MHz	19100	16QAM	6	0	High	4.79	<=13	PASS
Band2	3MHz	18615	16QAM	1	0	Low	4.85	<=13	PASS
Band2	3MHz	18615	QPSK	6	0	Low	5.28	<=13	PASS
Band2	3MHz	18615	16QAM	6	0	Low	5.29	<=13	PASS
Band2	3MHz	18900	QPSK	1	0	Low	4.45	<=13	PASS
Band2	3MHz	18900	16QAM	1	0	Low	4.51	<=13	PASS
Band2	3MHz	18900	QPSK	6	0	Low	5.32	<=13	PASS
Band2	3MHz	18900	16QAM	6	0	Low	6.00	<=13	PASS
Band2	3MHz	19185	QPSK	1	5	High	4.74	<=13	PASS
Band2	3MHz	19185	16QAM	1	5	High	4.48	<=13	PASS
Band2	3MHz	19185	QPSK	6	0	High	4.84	<=13	PASS
Band2	3MHz	19185	16QAM	6	0	High	4.82	<=13	PASS
Band2	5MHz	18625	QPSK	1	0	Low	4.72	<=13	PASS
Band2	5MHz	18625	16QAM	1	0	Low	5.09	<=13	PASS
Band2	5MHz	18625	QPSK	6	0	Low	4.91	<=13	PASS



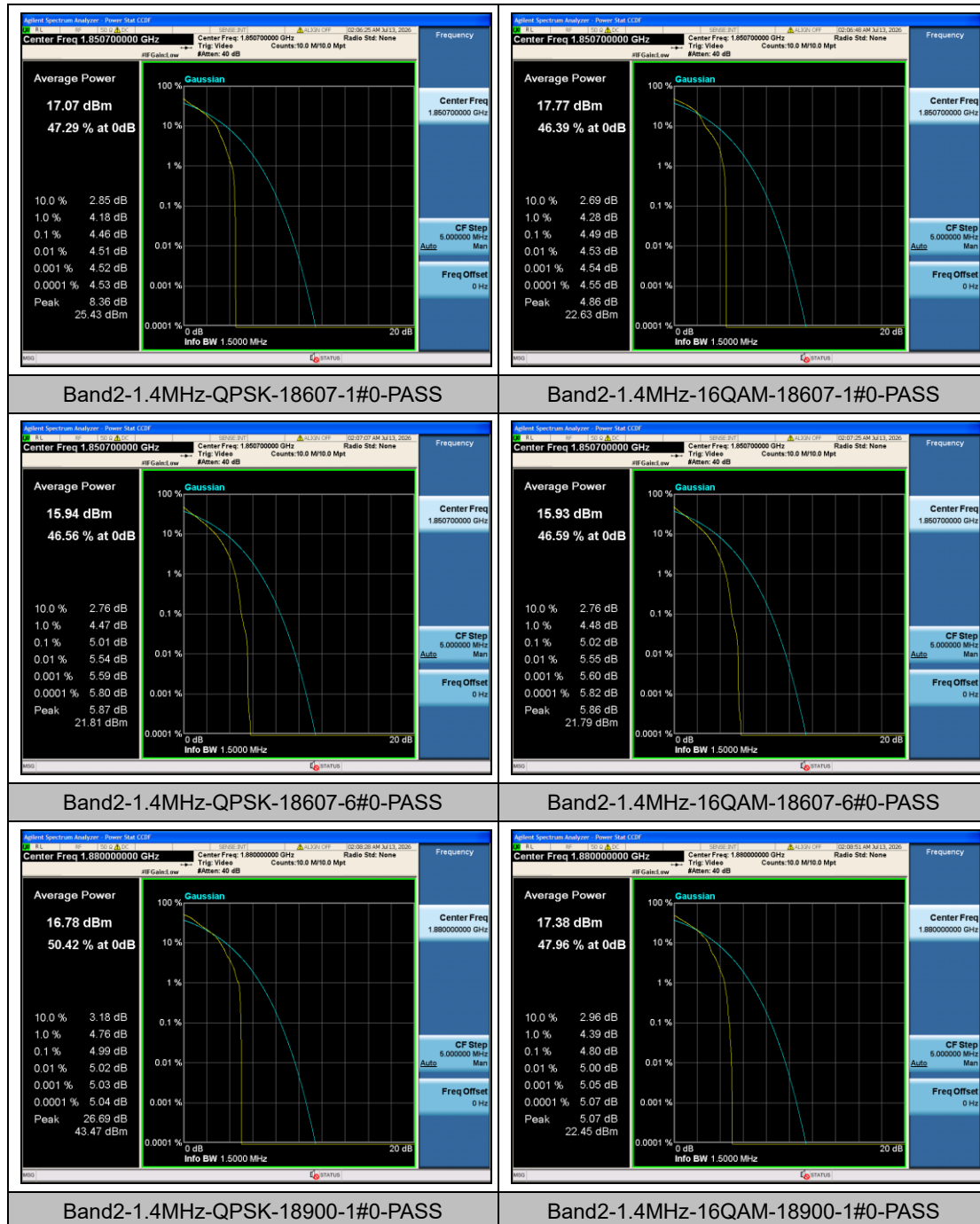
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Test Graphs

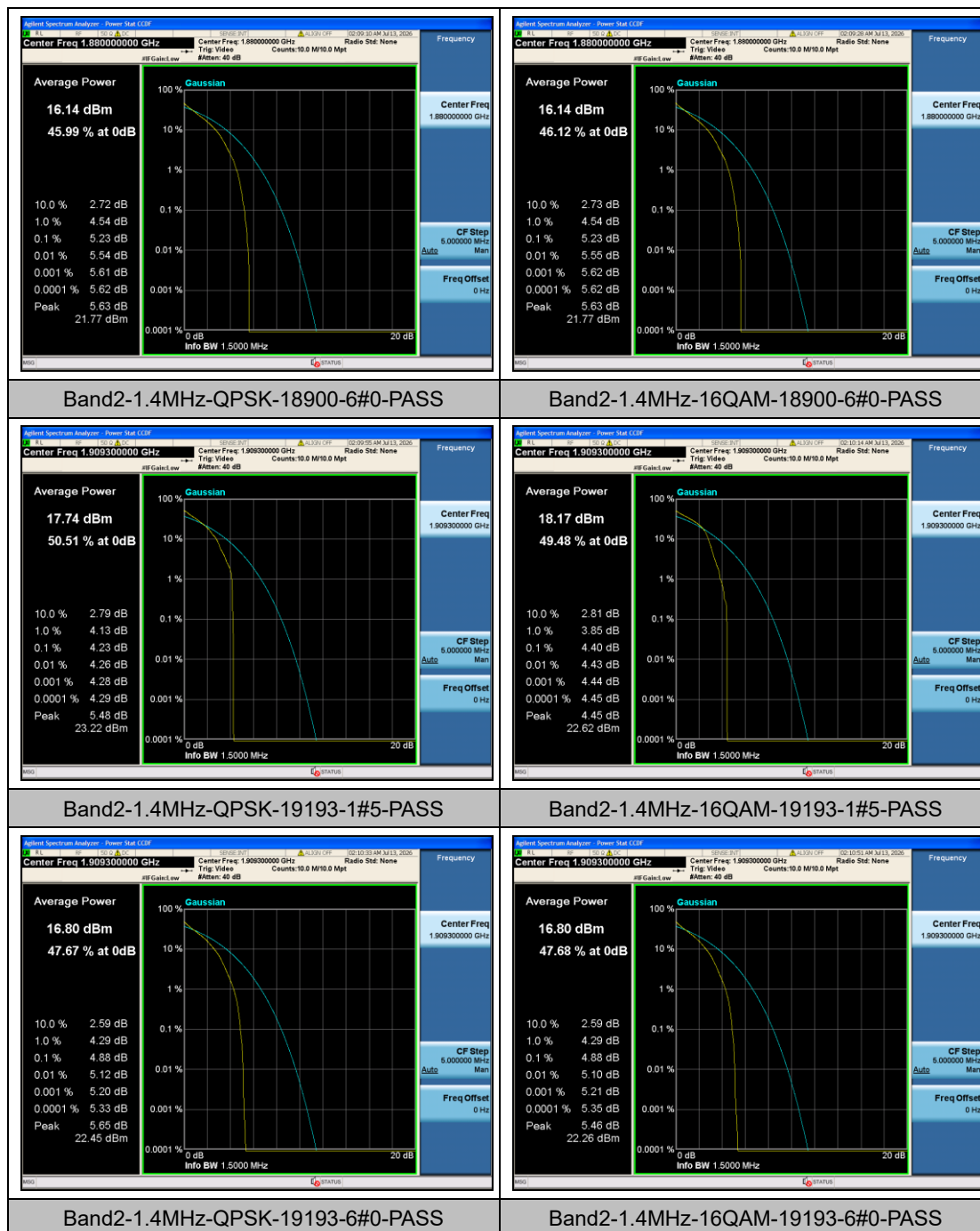


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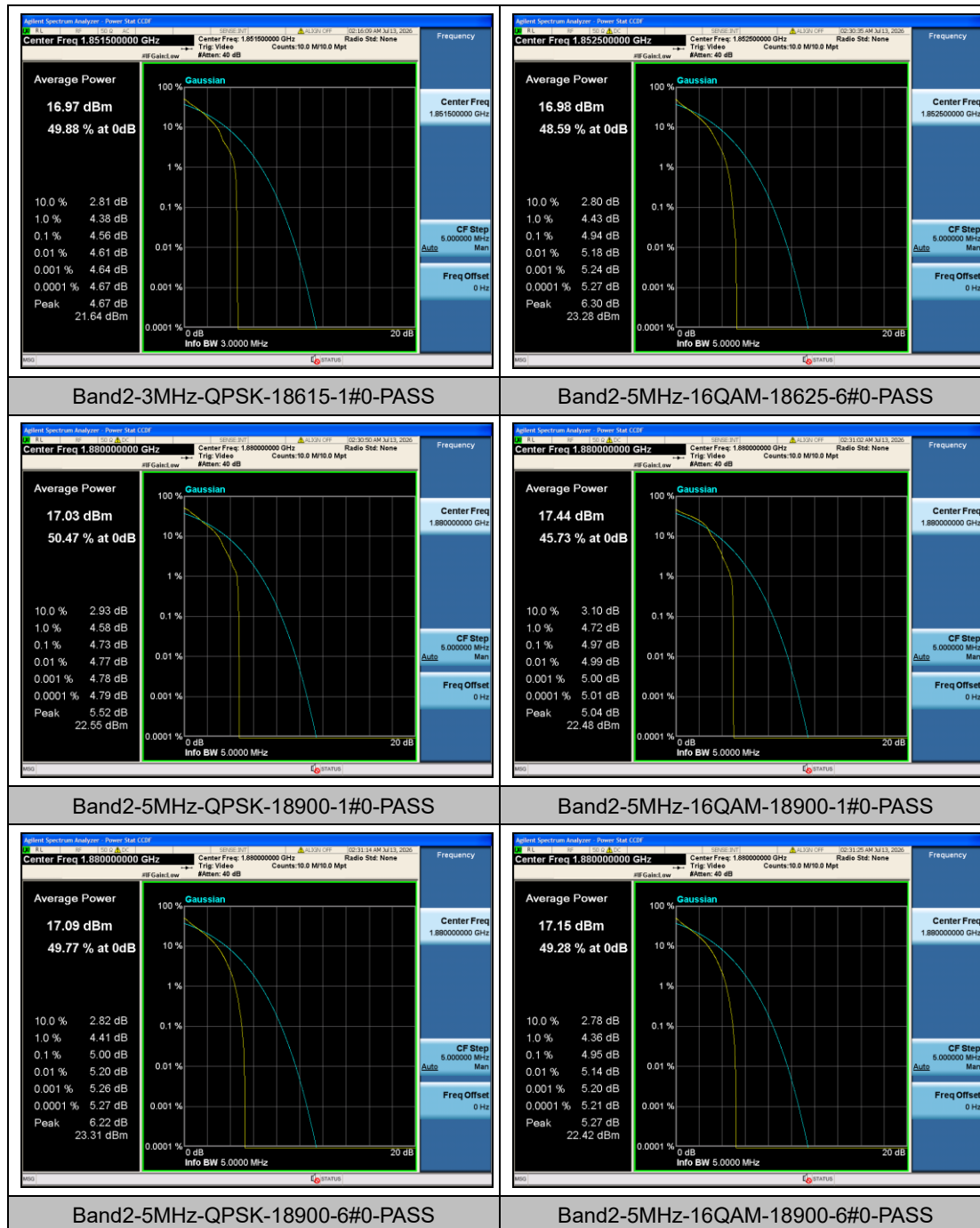
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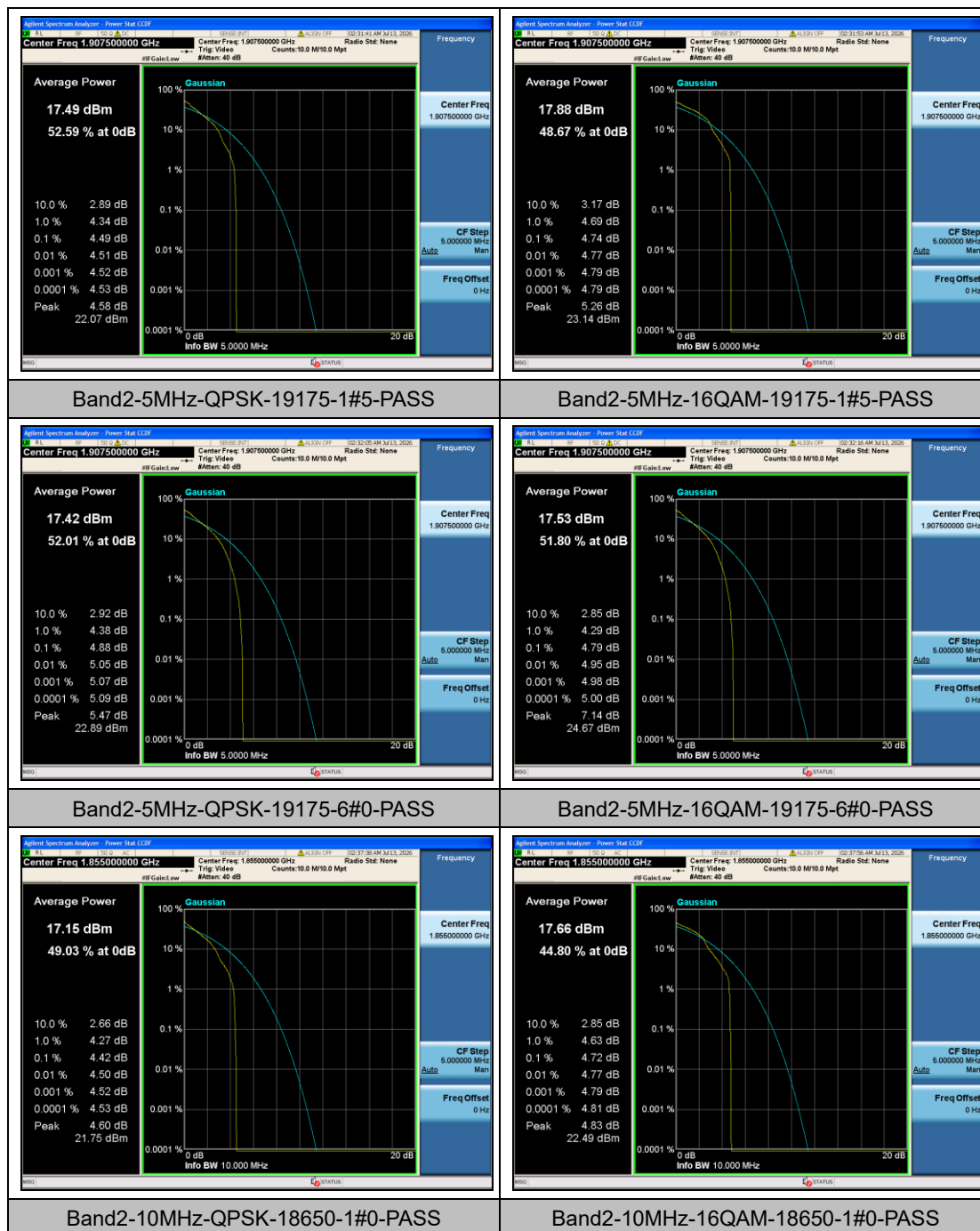
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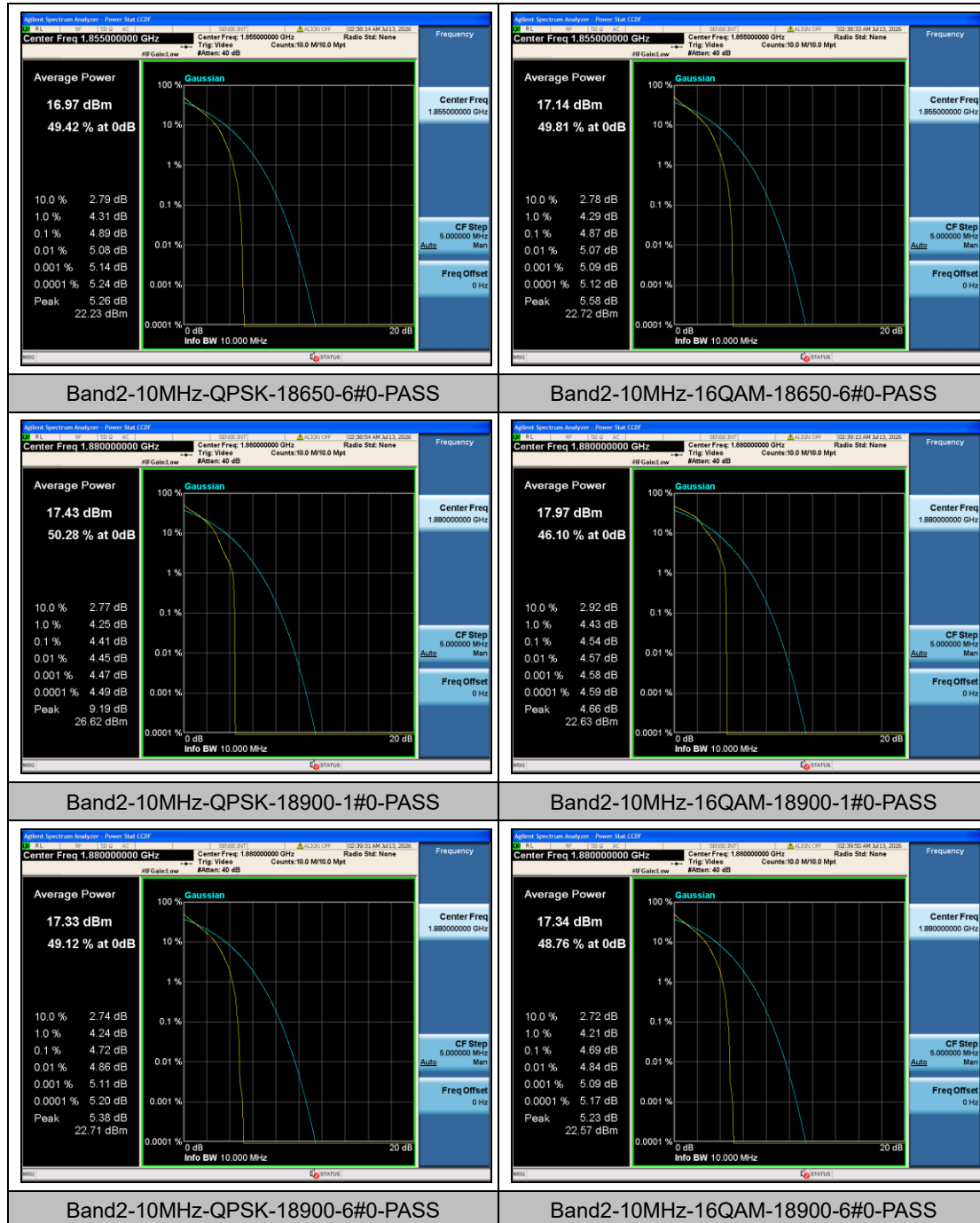
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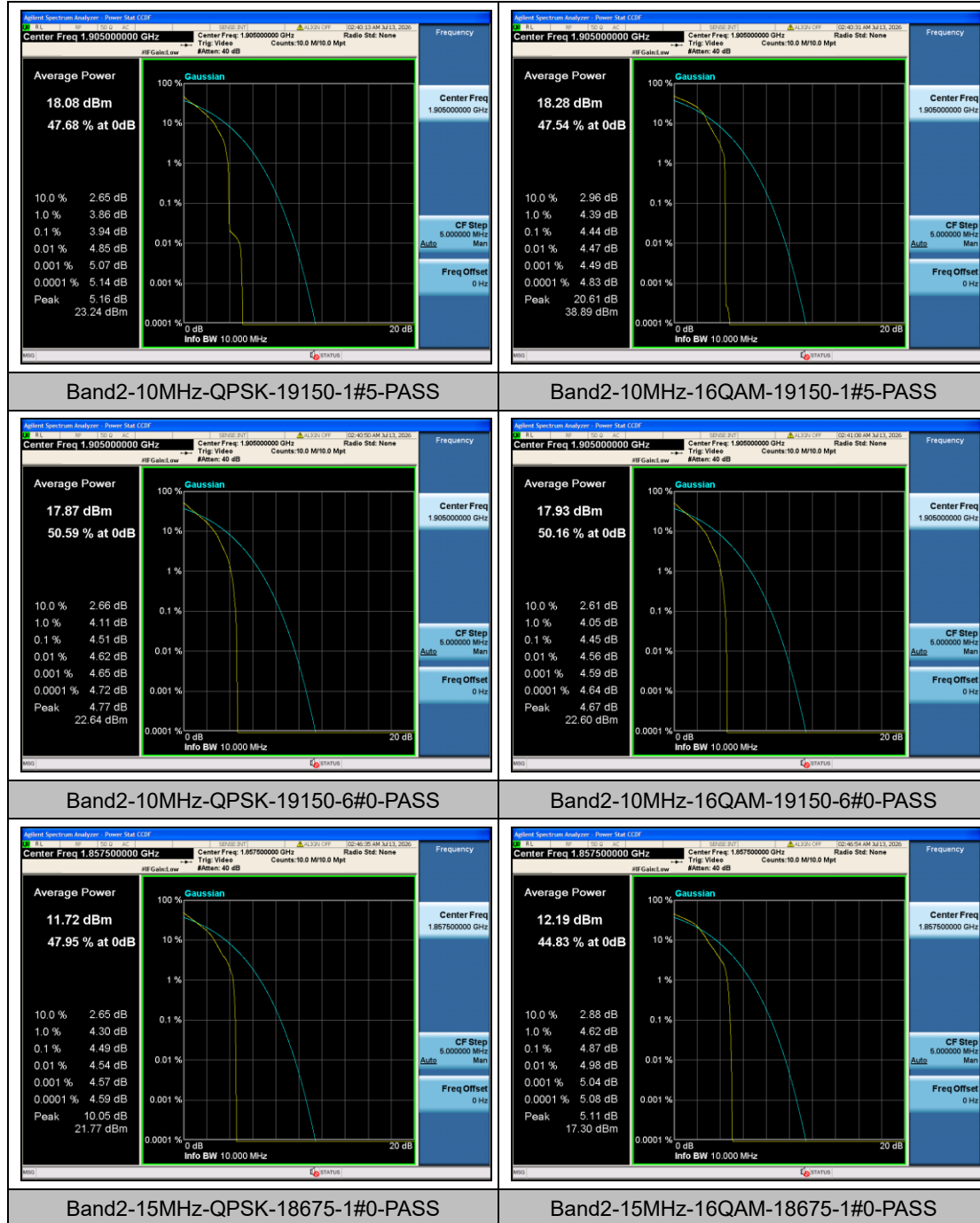
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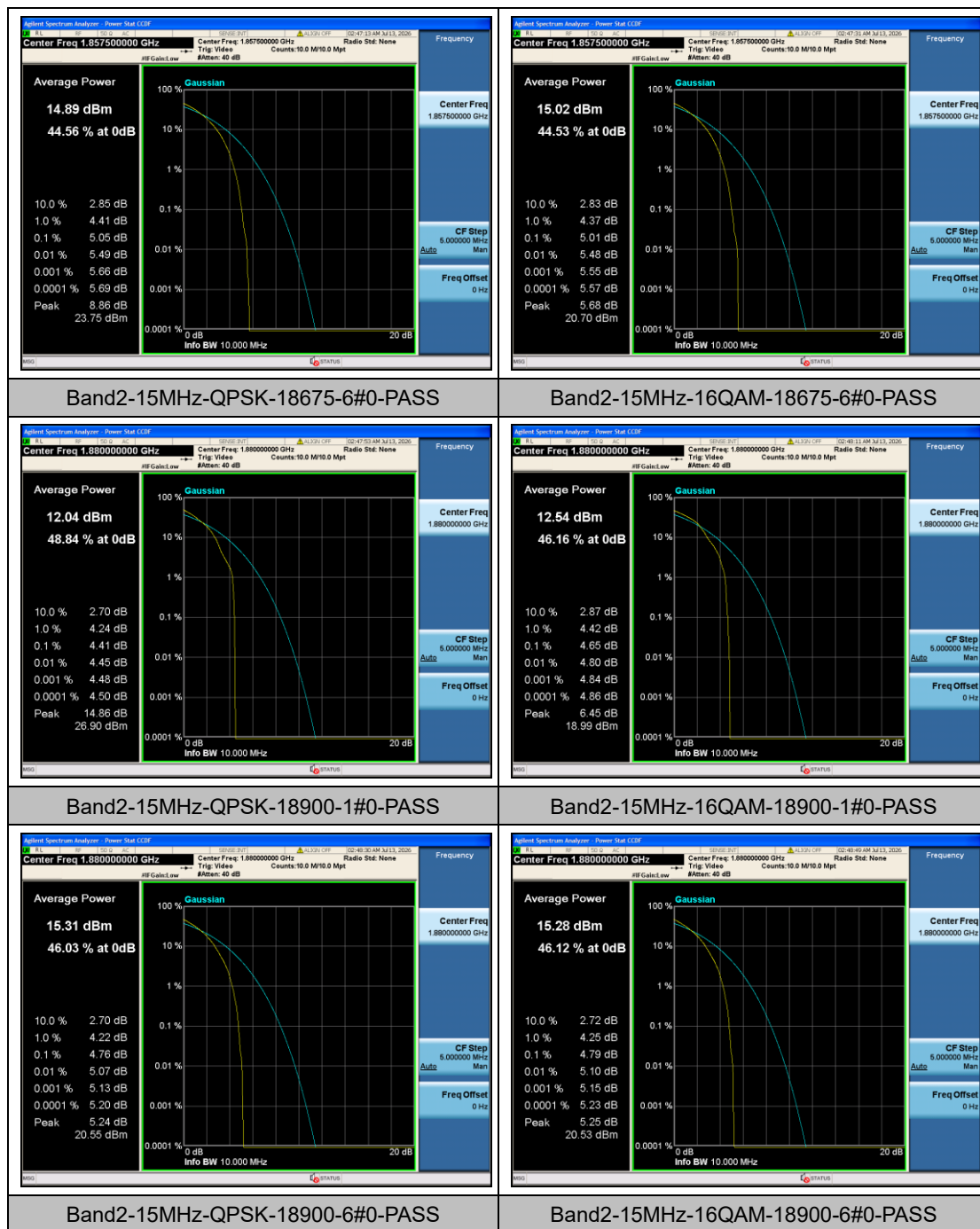


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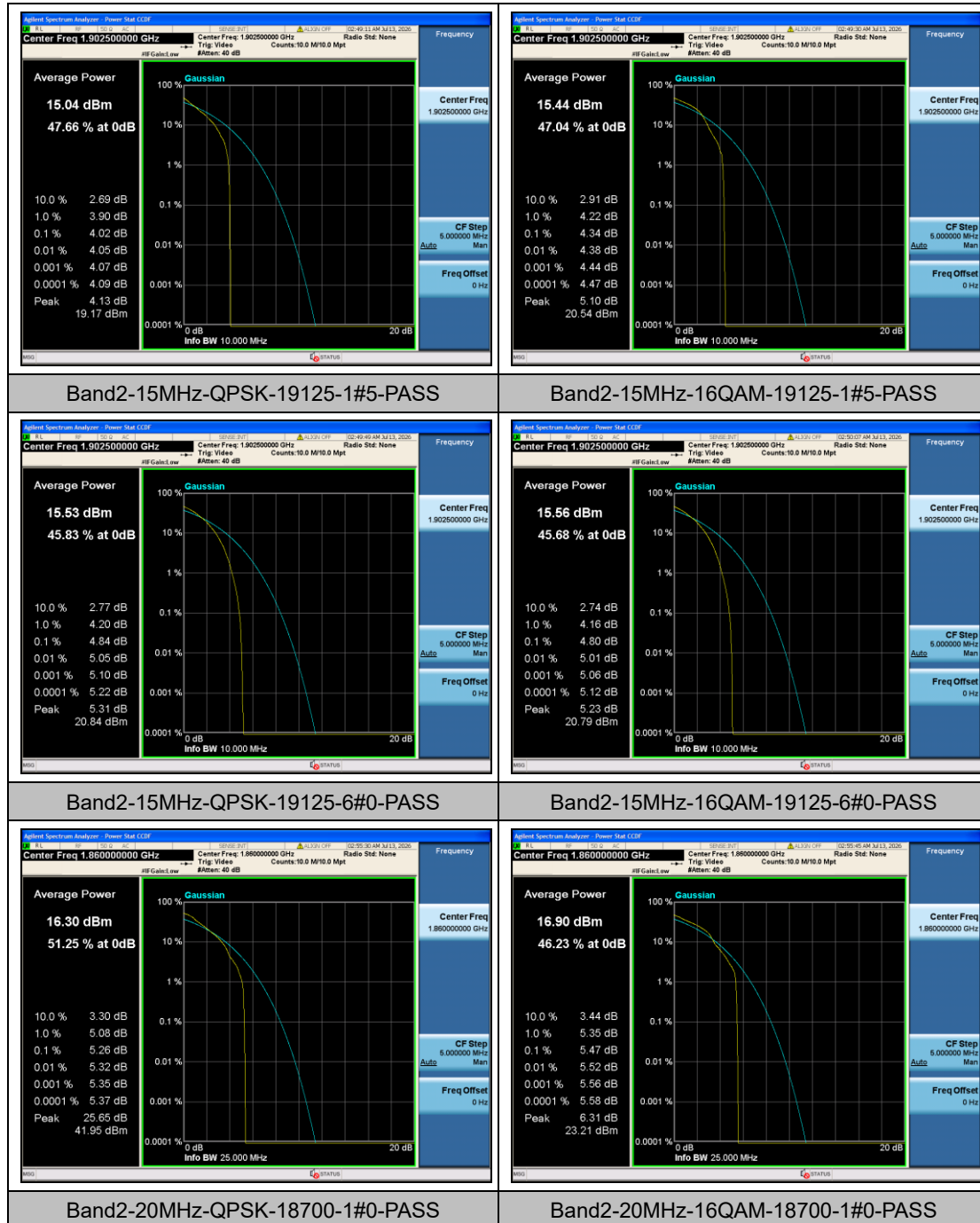
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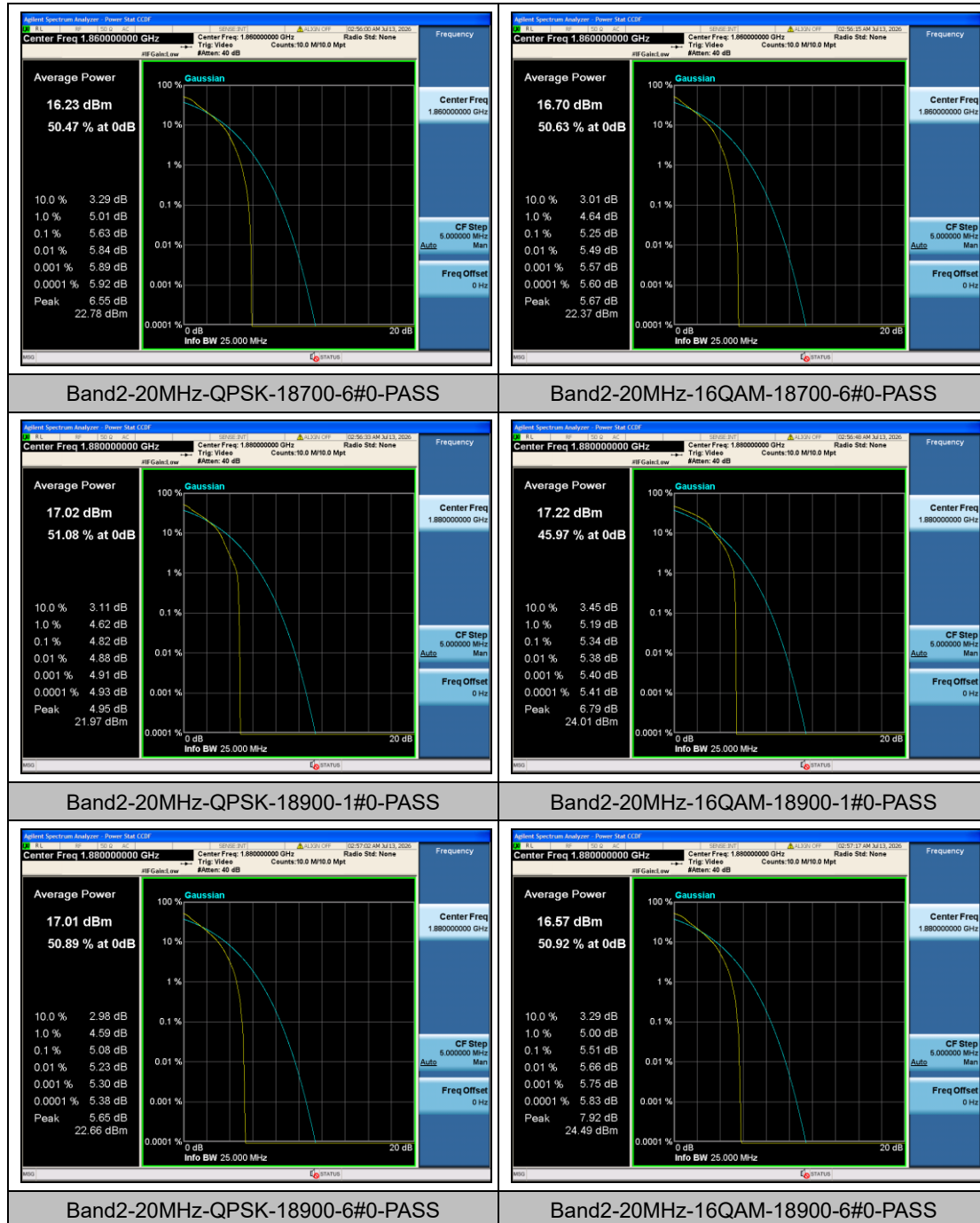
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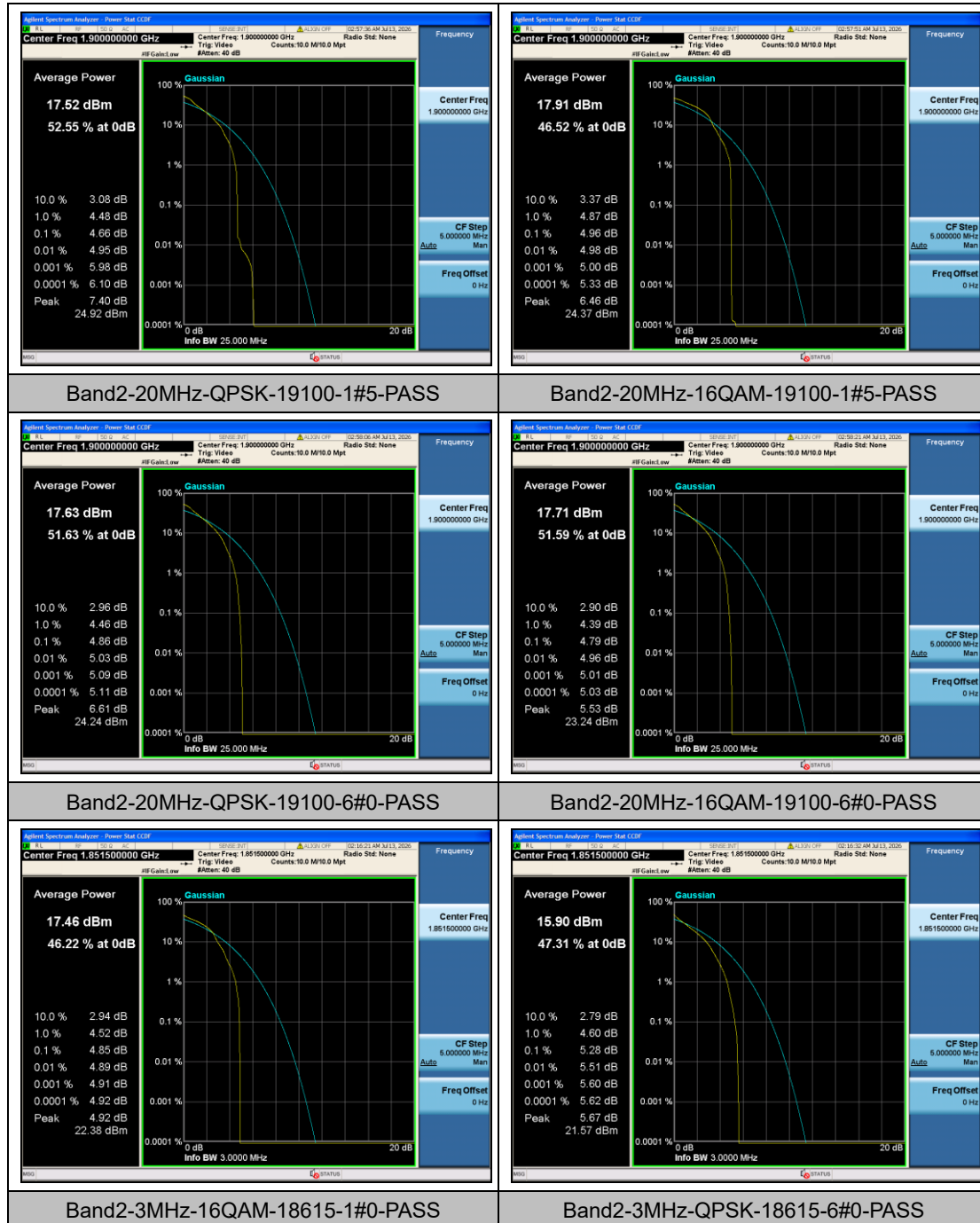
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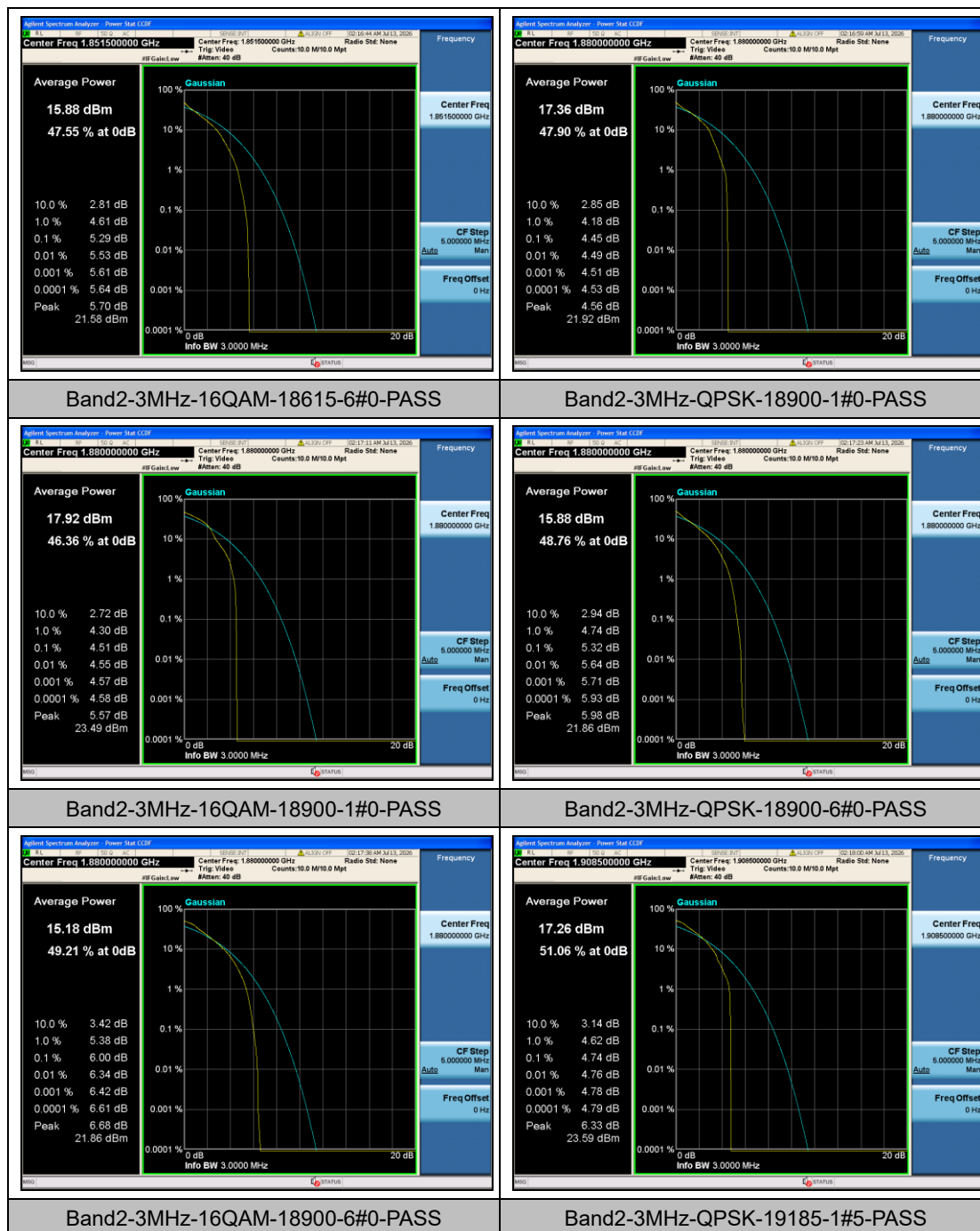
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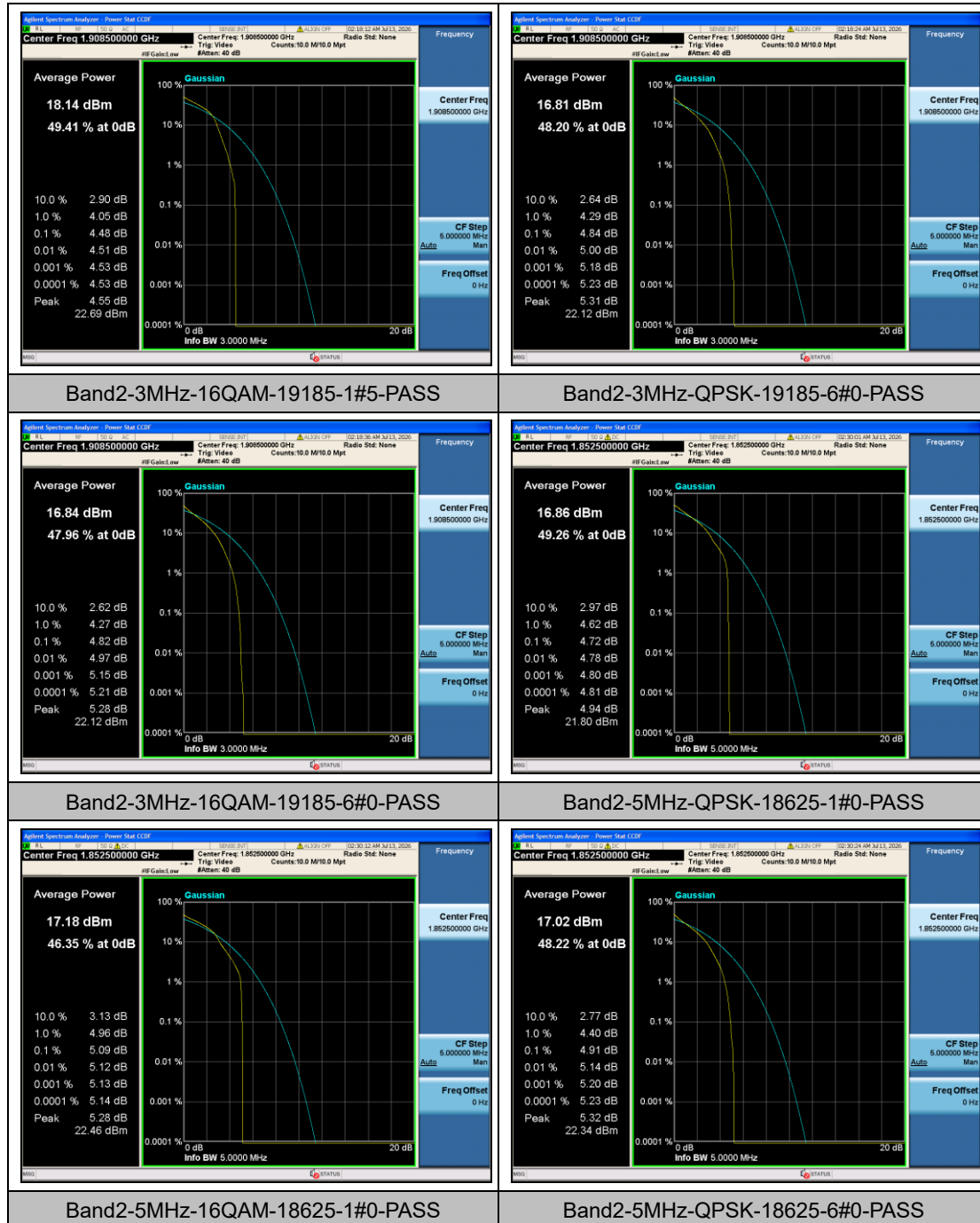
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Appendix 3: 26dB Bandwidth and Occupied Bandwidth for Cat

M1 Band 2

Test Result

Band	Bandwidth	Channel	Modulation	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	18607	QPSK	6	0	Low	1.1008	1.296	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	1.0993	1.291	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	1.0995	1.289	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	1.0972	1.293	PASS
Band2	1.4MHz	19193	QPSK	6	0	High	1.0923	1.272	PASS
Band2	1.4MHz	19193	16QAM	6	0	High	1.0921	1.270	PASS
Band2	3MHz	18615	QPSK	6	0	Low	1.1254	1.326	PASS
Band2	3MHz	18615	16QAM	6	0	Low	1.1232	1.332	PASS
Band2	3MHz	18900	QPSK	6	0	Low	1.1270	1.373	PASS
Band2	3MHz	18900	16QAM	6	0	Low	1.1236	1.415	PASS
Band2	3MHz	19185	QPSK	6	0	High	1.1169	1.312	PASS
Band2	3MHz	19185	16QAM	6	0	High	1.1209	1.327	PASS
Band2	5MHz	18625	QPSK	6	0	Low	1.1852	1.641	PASS
Band2	5MHz	18625	16QAM	6	0	Low	1.1918	1.564	PASS
Band2	5MHz	18900	QPSK	6	0	Low	1.1873	1.597	PASS
Band2	5MHz	18900	16QAM	6	0	Low	1.1839	1.586	PASS
Band2	5MHz	19175	QPSK	6	0	High	1.1929	1.575	PASS
Band2	5MHz	19175	16QAM	6	0	High	1.1915	1.613	PASS
Band2	10MHz	18650	QPSK	6	0	Low	1.4358	2.869	PASS
Band2	10MHz	18650	16QAM	6	0	Low	1.4369	3.001	PASS
Band2	10MHz	18900	QPSK	6	0	Low	1.4209	2.863	PASS
Band2	10MHz	18900	16QAM	6	0	Low	1.4078	2.518	PASS
Band2	10MHz	19150	QPSK	6	0	High	1.3669	1.961	PASS
Band2	10MHz	19150	16QAM	6	0	High	1.3678	1.959	PASS
Band2	15MHz	18675	QPSK	6	0	Low	2.2146	4.438	PASS
Band2	15MHz	18675	16QAM	6	0	Low	2.0032	4.355	PASS
Band2	15MHz	18900	QPSK	6	0	Low	1.7340	3.381	PASS
Band2	15MHz	18900	16QAM	6	0	Low	1.8490	3.431	PASS
Band2	15MHz	19125	QPSK	6	0	High	1.6073	3.271	PASS
Band2	15MHz	19125	16QAM	6	0	High	1.5715	3.154	PASS
Band2	20MHz	18700	QPSK	6	0	Low	2.9886	5.253	PASS
Band2	20MHz	18700	16QAM	6	0	Low	3.1148	5.457	PASS
Band2	20MHz	18900	QPSK	6	0	Low	2.6047	4.831	PASS
Band2	20MHz	18900	16QAM	6	0	Low	2.7387	5.144	PASS
Band2	20MHz	19100	QPSK	6	0	High	2.1282	4.569	PASS
Band2	20MHz	19100	16QAM	6	0	High	2.0721	4.330	PASS



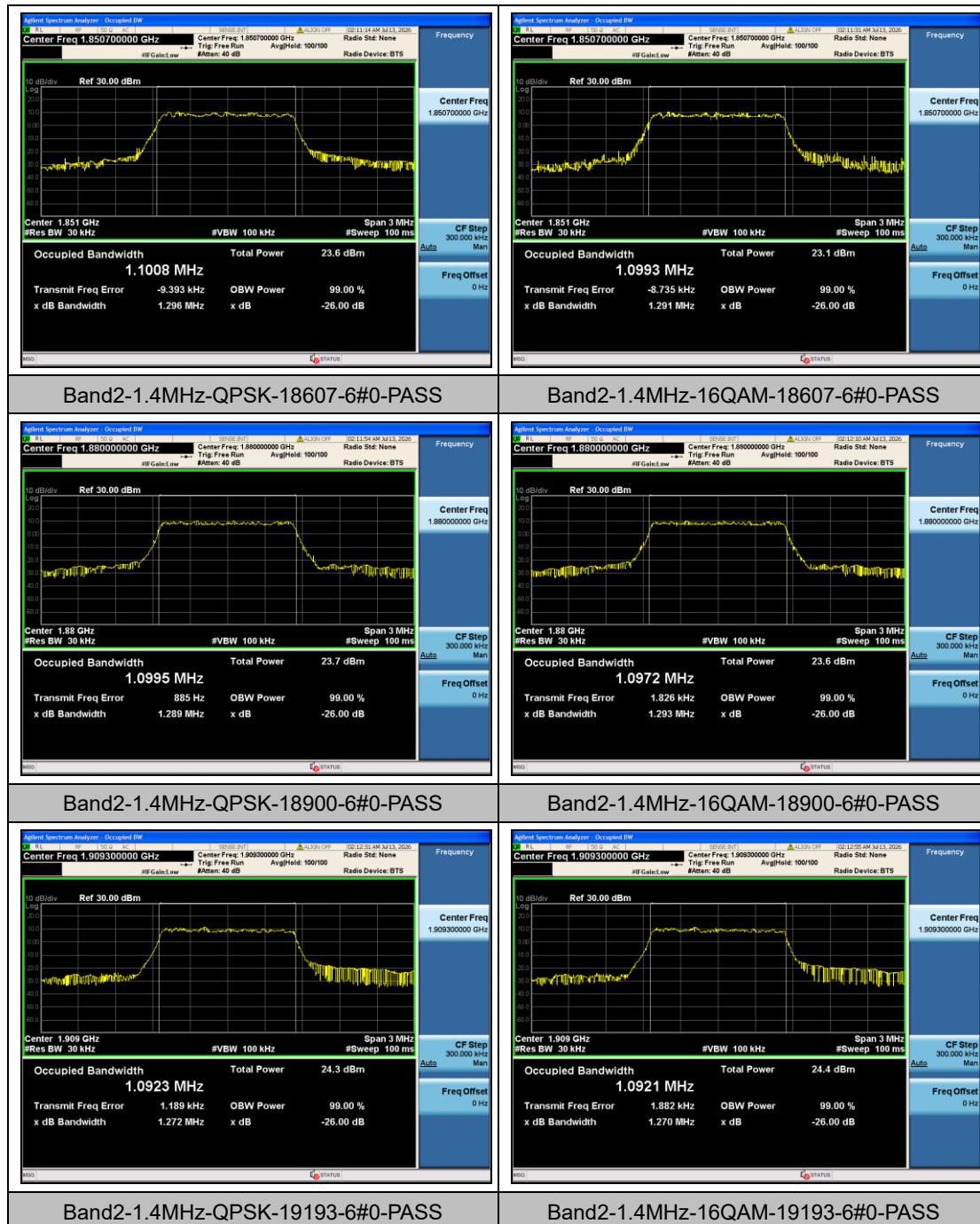
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Shenzhen Branch

Fuyong lab, Xinlong TechnoPark, Fengtang Road, Fuyong Subdistrict, Bao'an, Shenzhen, China 518103 t (86-755) 88663988 f (86-755) 26710594 www.sgs.com
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Test Graphs



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